

**National Transportation Safety Board  
Washington, DC 20594**

**Brief of Accident**

**Adopted 09/24/1995**

FTW95FA094							
File No. 382		01/18/1995	LUBBOCK, TX	Aircraft Reg No. N9461R	Time (Local): 09:03 CST		
Make/Model:	CESSNA / 208B			Fatal	Serious	Minor/None	
Engine Make/Model:	P&W / PT6A-114			Crew	0	0	1
Aircraft Damage:	Destroyed			Pass	0	0	0
Number of Engines:	1						
Operating Certificate(s):	On-demand Air Taxi						
Name of Carrier:	MARTINAIRE, INC.						
Type of Flight Operation:	Non-scheduled; Domestic; Cargo						
Reg. Flight Conducted Under:	Part 135: Air Taxi & Commuter						
Last Depart. Point: Same as Accident/Incident Location				Condition of Light: Day			
Destination: MIDLAND , TX				Weather Info Src: Weather Observation Facility			
Airport Proximity: Off Airport/Airstrip				Basic Weather: Instrument Conditions			
				Lowest Ceiling: 2200 Ft. AGL, Overcast			
				Visibility: 1.50 SM			
				Wind Dir/Speed: 340 / 007 Kts			
				Temperature (°C): 0			
				Obstr to Vision: Fog			
				Precipitation: Snow Grains			
Pilot-in-Command		Age: 38		Flight Time (Hours)			
Certificate(s)/Rating(s)				Total All Aircraft: 2542			
Airline Transport; Flight Instructor; Commercial; Multi-engine Land; Single-engine Land				Last 90 Days: 114			
Instrument Ratings				Total Make/Model: 514			
Airplane				Total Instrument Time: 288			

DURING THE NIGHT BEFORE THE ACCIDENT, FREEZING RAIN FOLLOWED LATER BY SNOW, FELL ON THE RAMP WHERE THE AIRPLANE WAS PARKED. A WITNESS REPORTED THAT WHILE ASSISTING THE PILOT IN REMOVING SNOW FROM THE AIRPLANE, HE NOTED THAT 80% OF THE WING WAS COVERED WITH A COARSE LAYER OF ICE, FROM 1/16 TO 3/16 IN THICKNESS, THAT WAS NOT REMOVED BEFORE FLIGHT. AFTER THE ACCIDENT, A FIREMAN FROM THE CITY OF LUBBOCK FIRE DEPARTMENT NOTED ICE ON THE WING APPROXIMATELY 1/16TH OF AN INCH THICK THAT HAD A ROUGH TEXTURE THAT LOOKED AS IF DEPOSITED BY FREEZING RAIN. THE PILOT REPORTED THAT SHORTLY AFTER TAKE OFF SHE HEARD A POWER DECREASE AND FELT SURGES IN THE AIRCRAFT. THE PILOT THEN LOOKED FOR A PLACE TO LAND. A DETAILED EXAMINATION OF THE ENGINE REVELED NO MECHANICAL DEFICIENCIES.

Brief of Accident (Continued)

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LUBBOCK, TX

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Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - FREEZING RAIN
2. (F) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
3. (C) ICE/FROST REMOVAL FROM AIRCRAFT - NOT PERFORMED - PILOT IN COMMAND
4. PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND

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Occurrence #2: FORCED LANDING

Phase of Operation: EMERGENCY LANDING AFTER TAKEOFF

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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings Legend: (C) = Cause, (F) = Factor

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The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

THE PILOT'S FAILURE TO REMOVE ICE FROM THE AIRFRAME PRIOR TO TAKEOFF. FACTORS WERE FREEZING RAIN THE NIGHT BEFORE AND THE PILOTS' INCOMPLETE PREFLIGHT INSPECTION.